

FIG. 2(a)

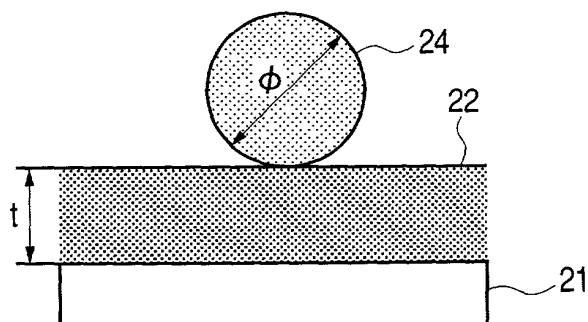


FIG. 2(b)

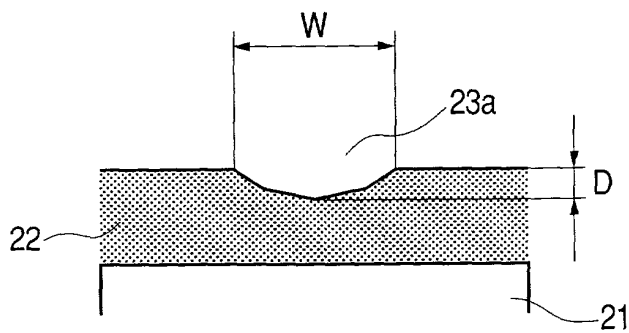


FIG. 3(a)

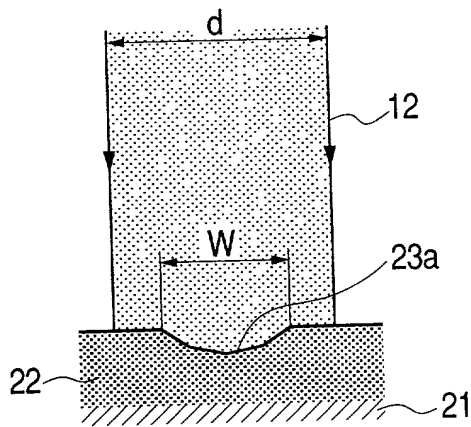


FIG. 3(b)

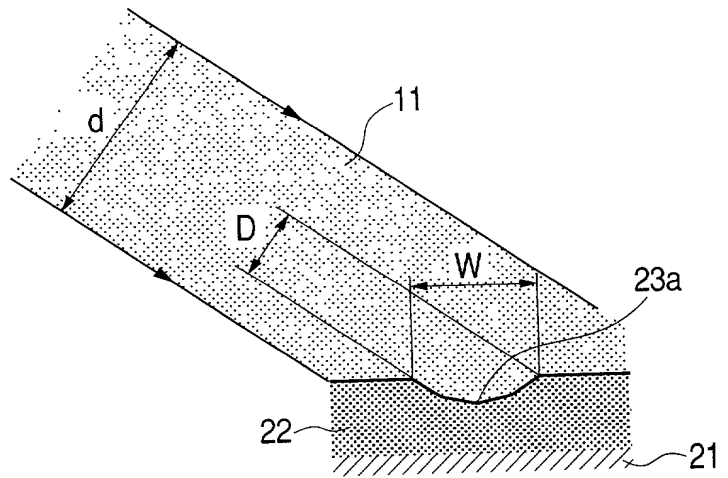


FIG. 3(c)

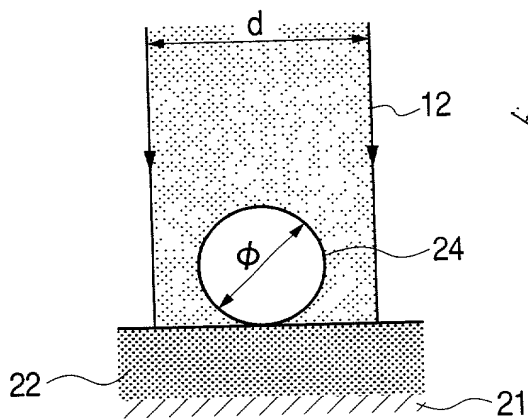


FIG. 3(d)

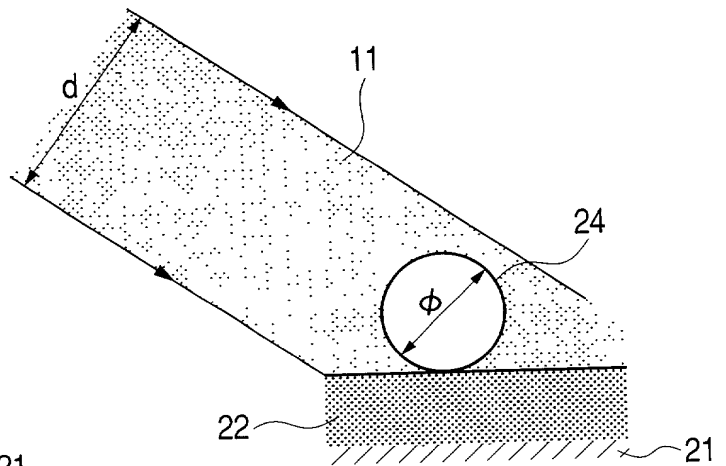


FIG. 4

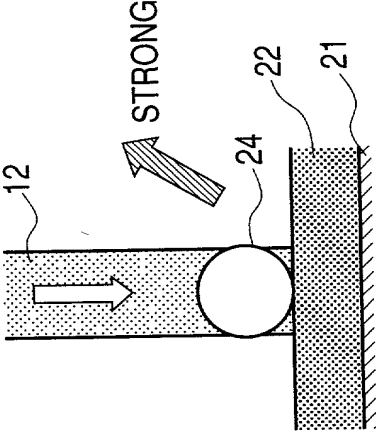
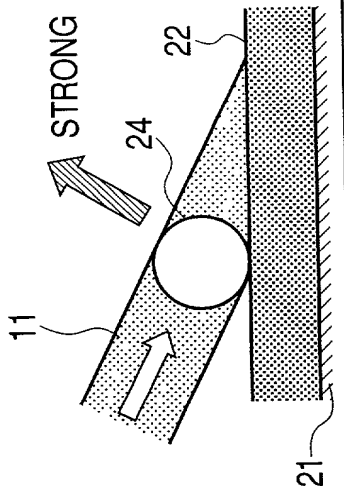
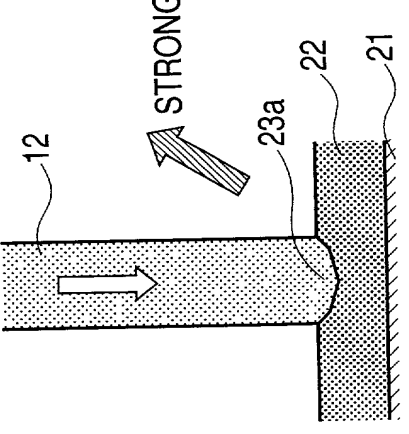
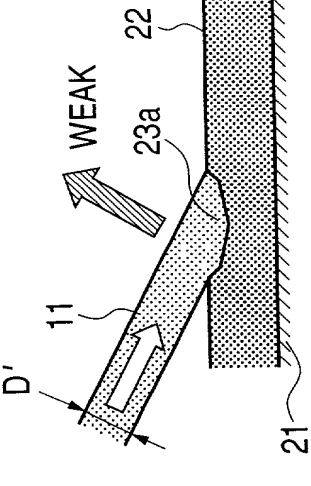
	INCIDENT ILLUMINATION	SLANTING ILLUMINATION
FOREIGN MATERIAL	 <p>A vertical rectangular block labeled 12 is positioned on a horizontal surface labeled 21. A circular feature labeled 24 is on the top surface of the block. An arrow labeled 12 points downwards towards the block. An arrow labeled 24 points upwards from the circular feature. A hatched area labeled 22 is to the right of the block.</p>	 <p>A rectangular block labeled 11 is tilted at an angle on a horizontal surface labeled 21. A circular feature labeled 24 is on the top surface of the block. An arrow labeled 11 points downwards towards the block. An arrow labeled 24 points upwards from the circular feature. A hatched area labeled 22 is to the right of the block.</p>
SCRATCH	 <p>A vertical rectangular block labeled 12 is positioned on a horizontal surface labeled 21. A circular feature labeled 23a is on the top surface of the block. An arrow labeled 12 points downwards towards the block. An arrow labeled 23a points upwards from the circular feature. A hatched area labeled 22 is to the right of the block.</p>	 <p>A rectangular block labeled 11 is tilted at an angle on a horizontal surface labeled 21. A circular feature labeled 23a is on the top surface of the block. An arrow labeled 11 points downwards towards the block. An arrow labeled 23a points upwards from the circular feature. A hatched area labeled 22 is to the right of the block.</p>

FIG. 5

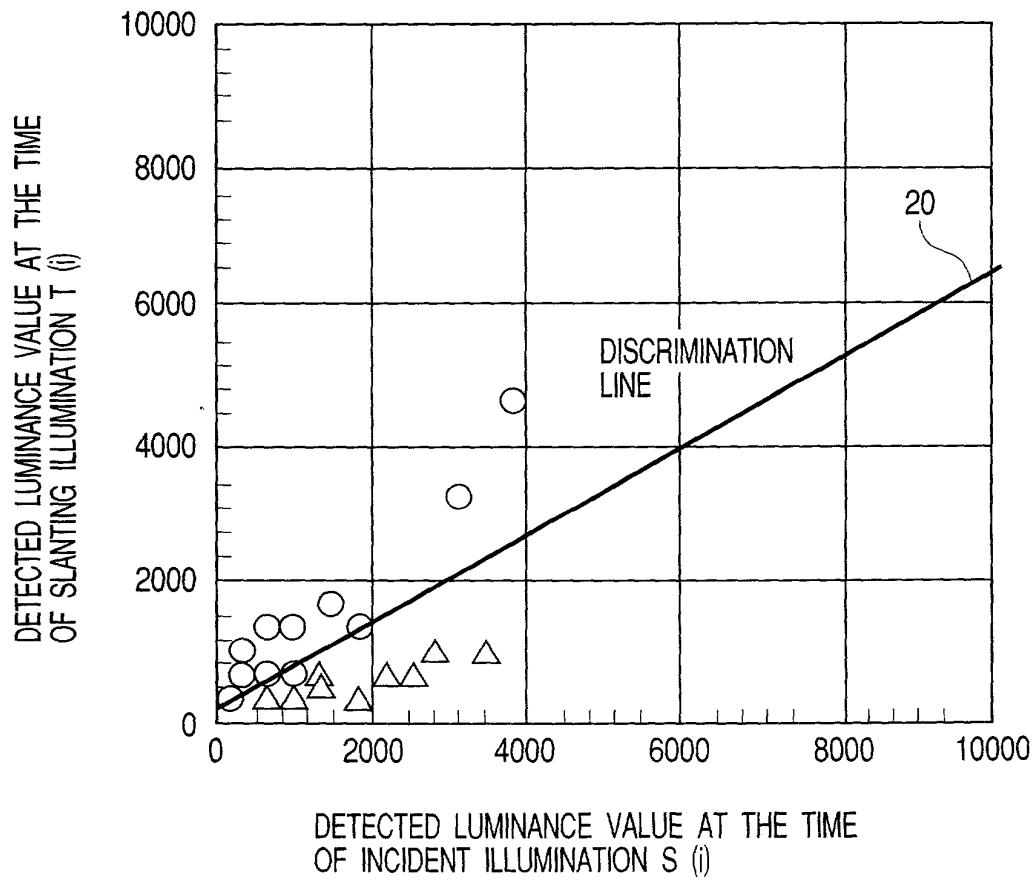


FIG. 6(a)

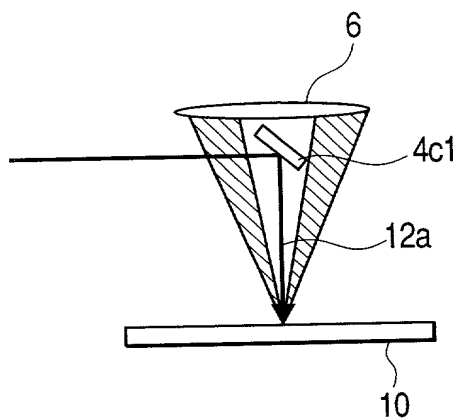


FIG. 6(b)

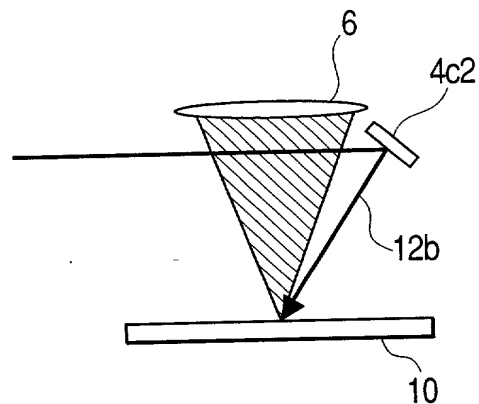


FIG. 6(c)

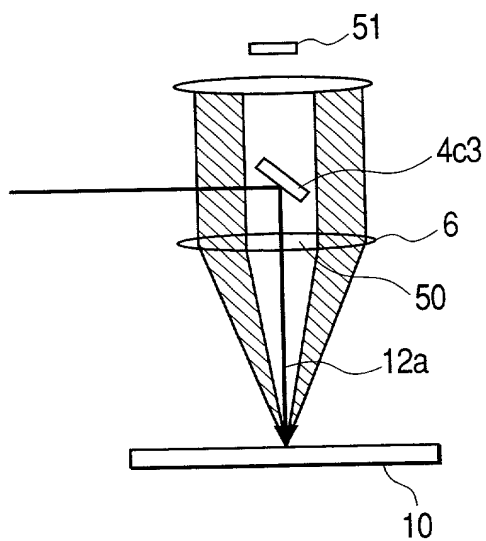


FIG. 6(d)

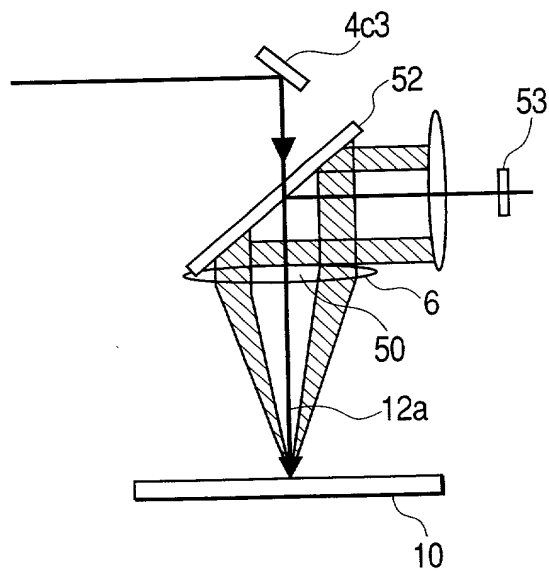


FIG. 7(a)

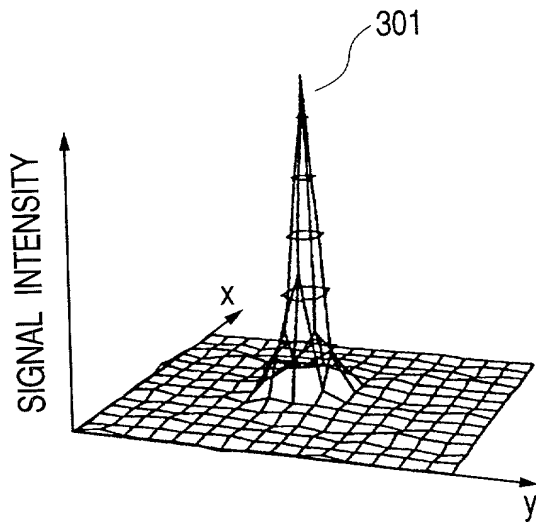


FIG. 7(b)

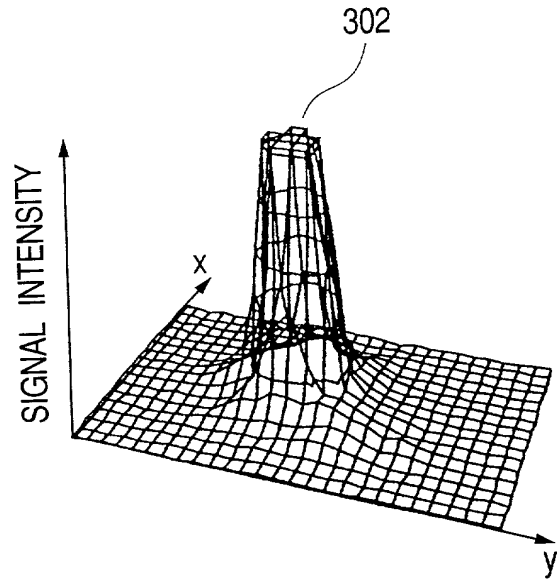


FIG. 7(c)

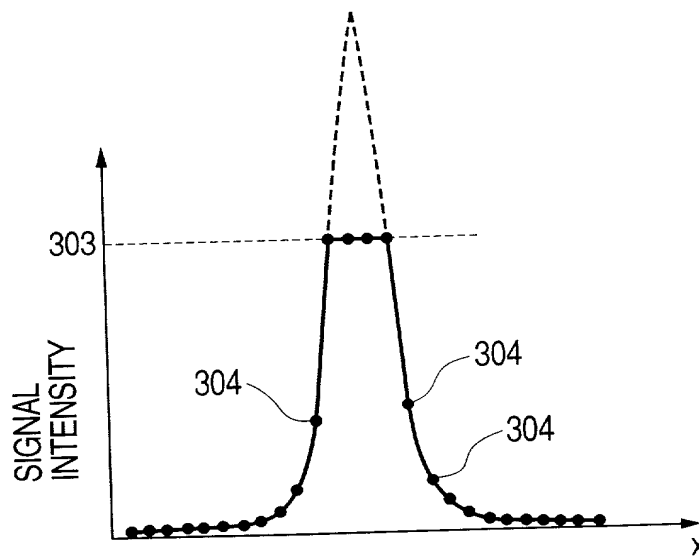


FIG. 8

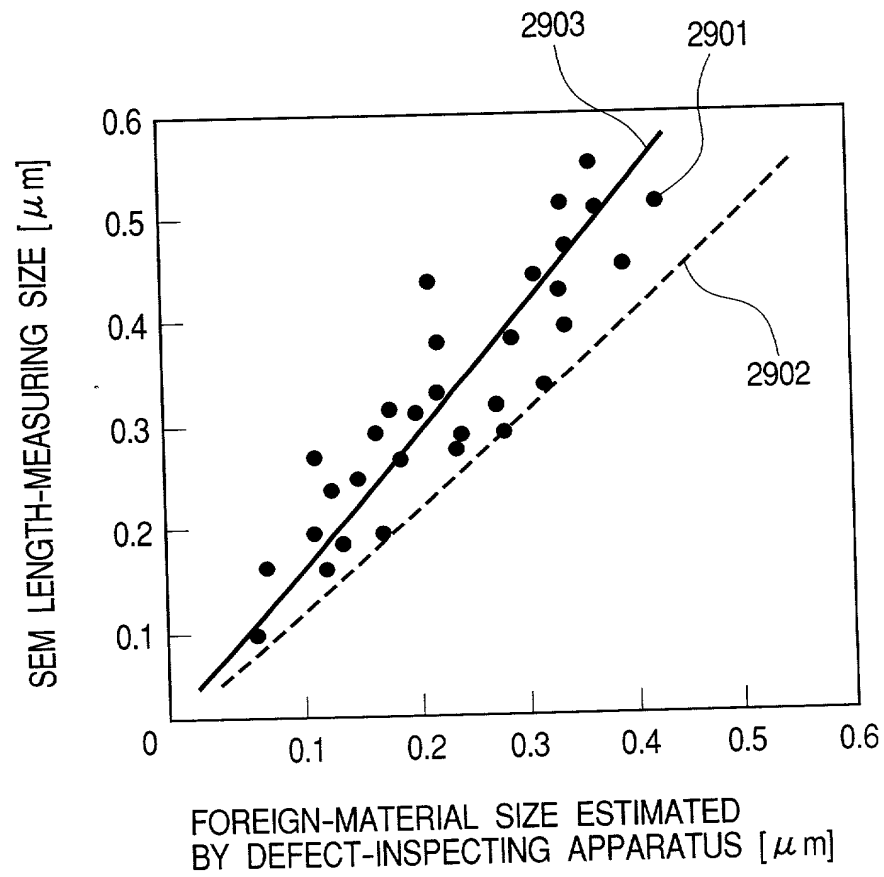


FIG. 9(a)

FRONT-END PROCESS WAFER

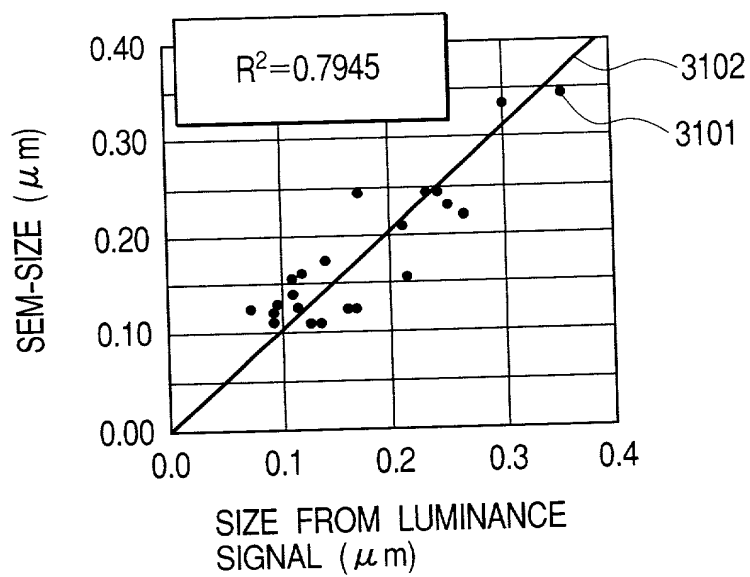


FIG. 10

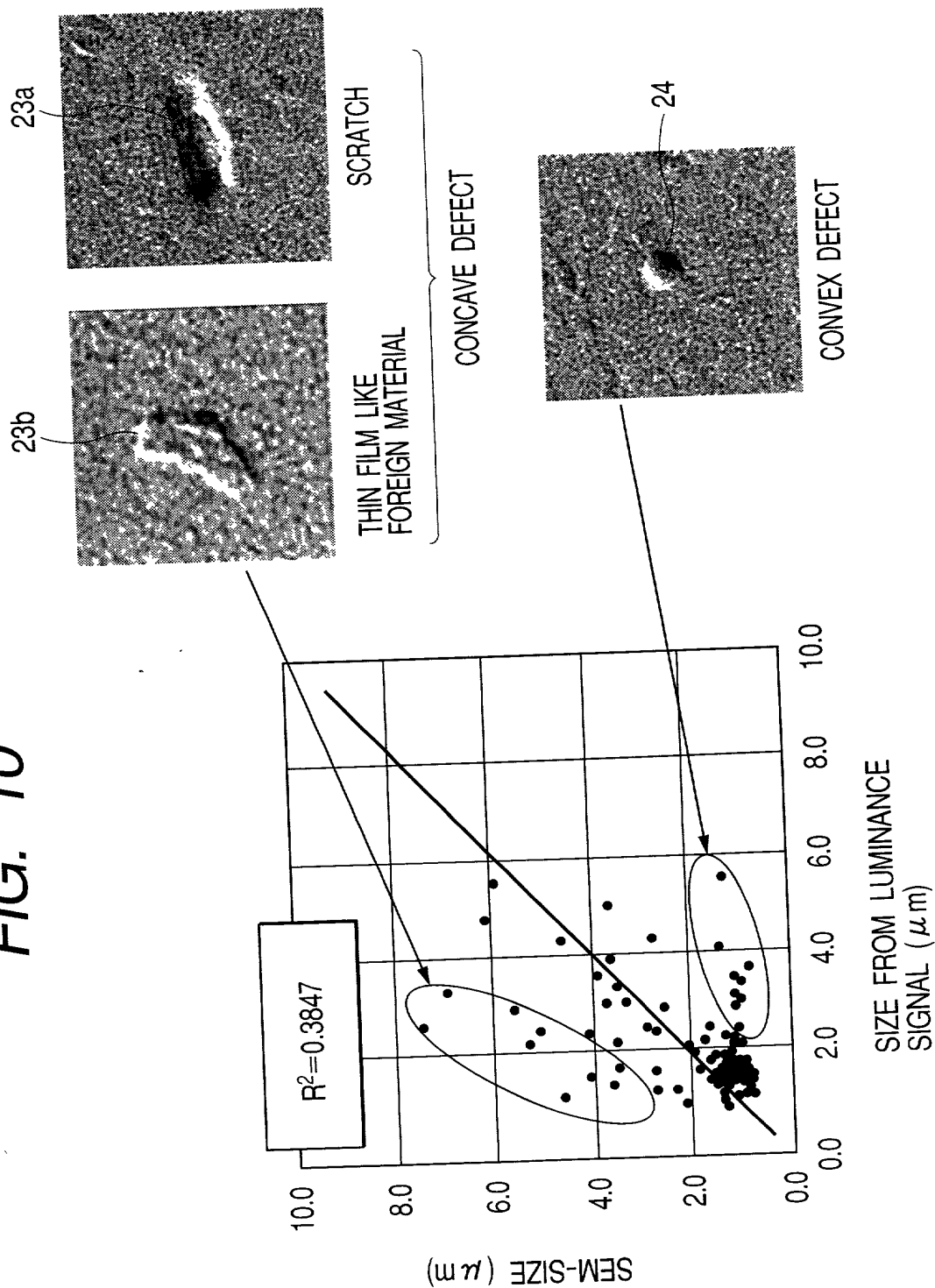


FIG. 11

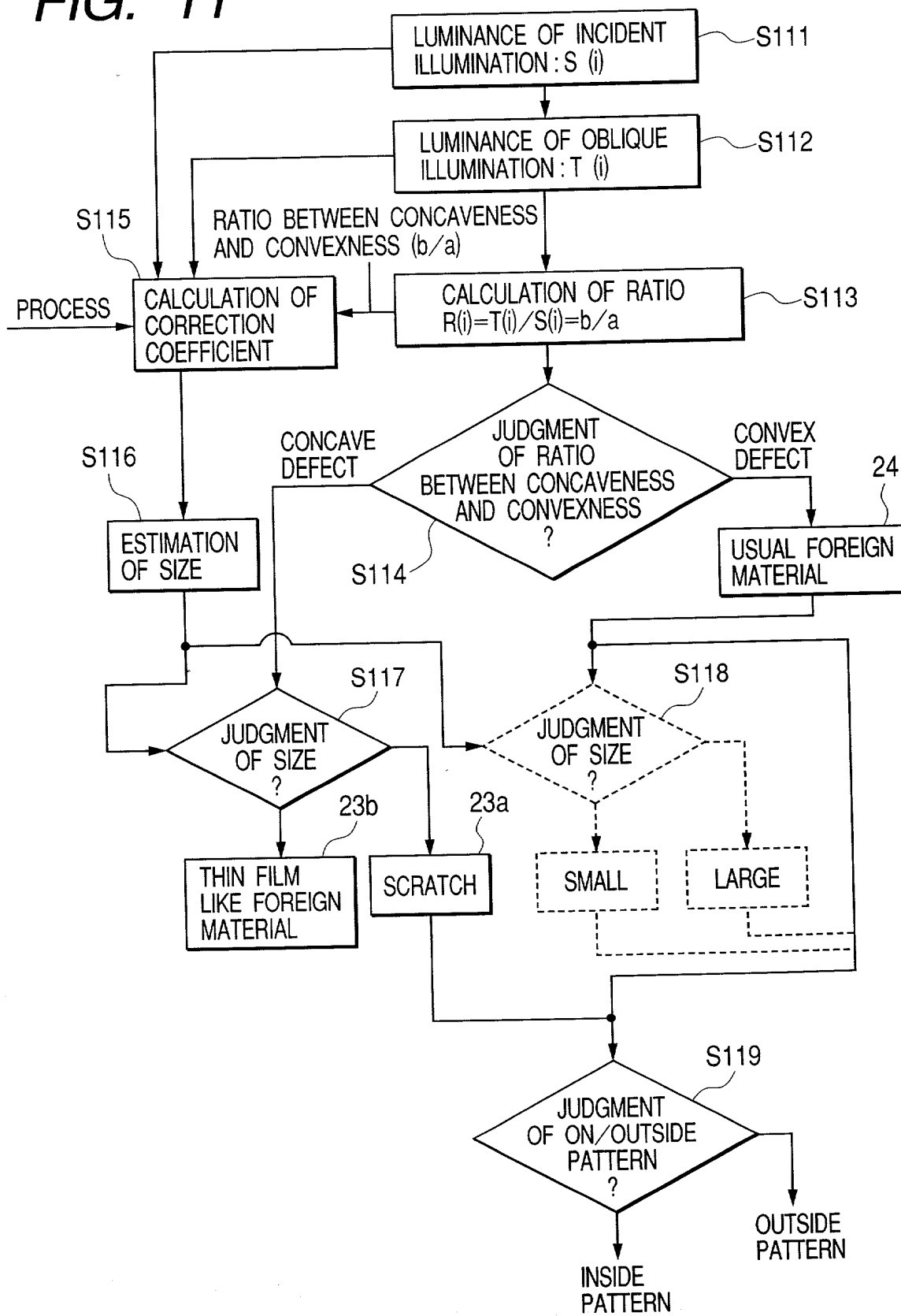


FIG. 12

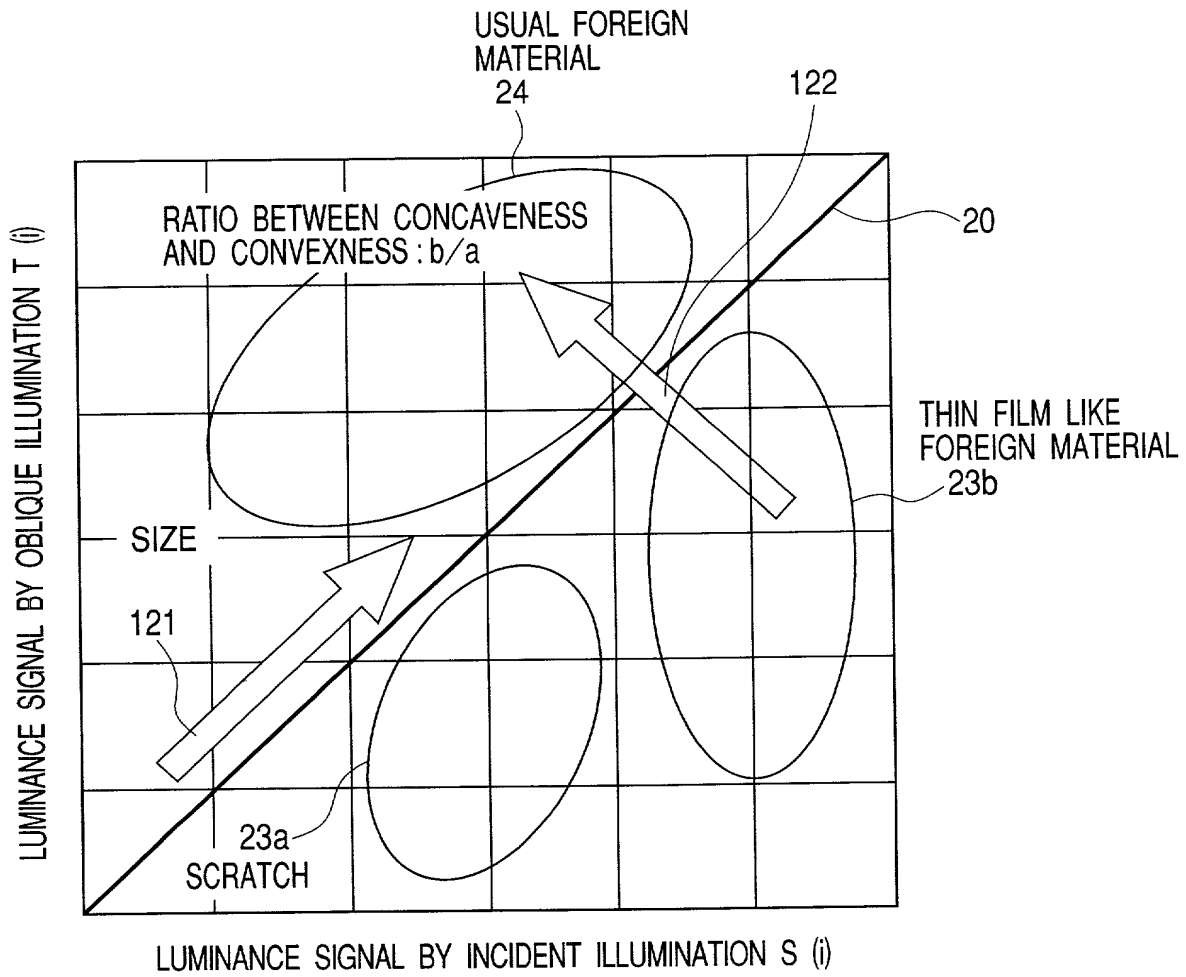


FIG. 13

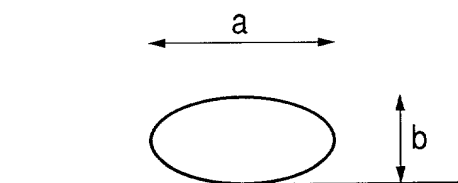


FIG. 14

SIZE	SMALL		LARGE
FOREIGN MATERIAL/ SCRATCH	FOREIGN MATERIAL	SCRATCH	_____
ON PATTERN	CATEGORY 1	CATEGORY 3	CATEGORY 5
OUTSIDE PATTERN	CATEGORY 2	CATEGORY 4	

FIG. 15

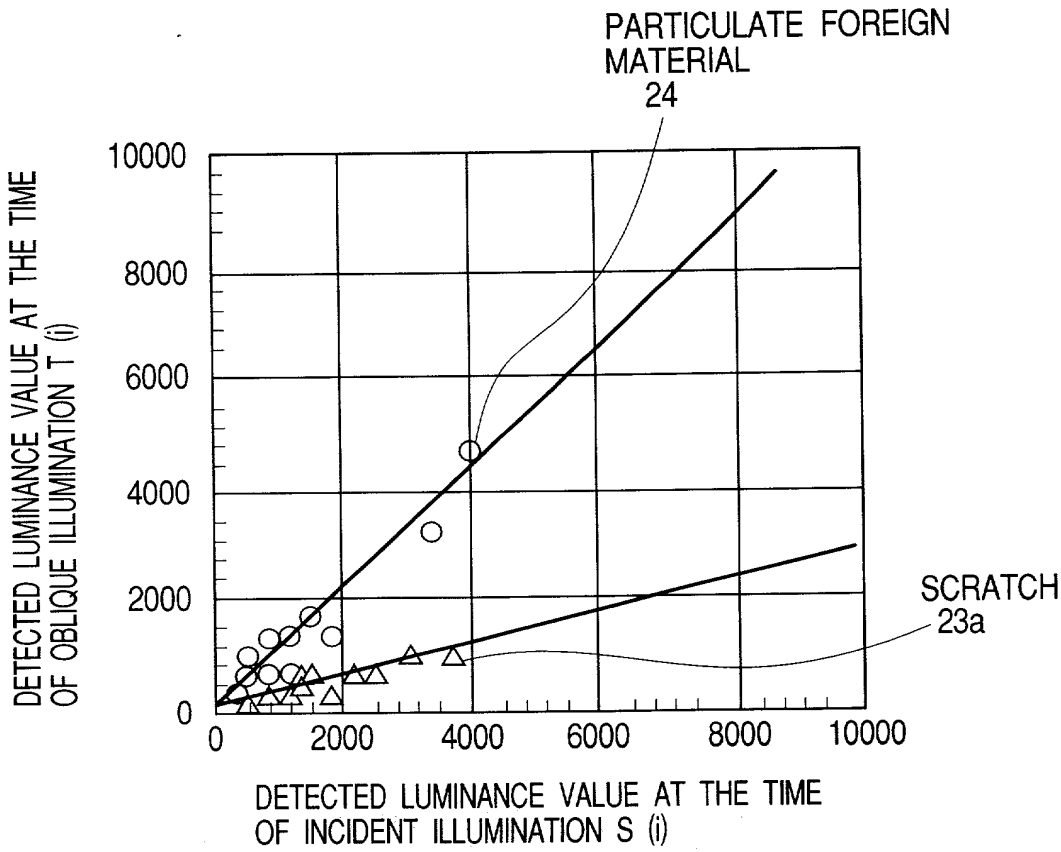


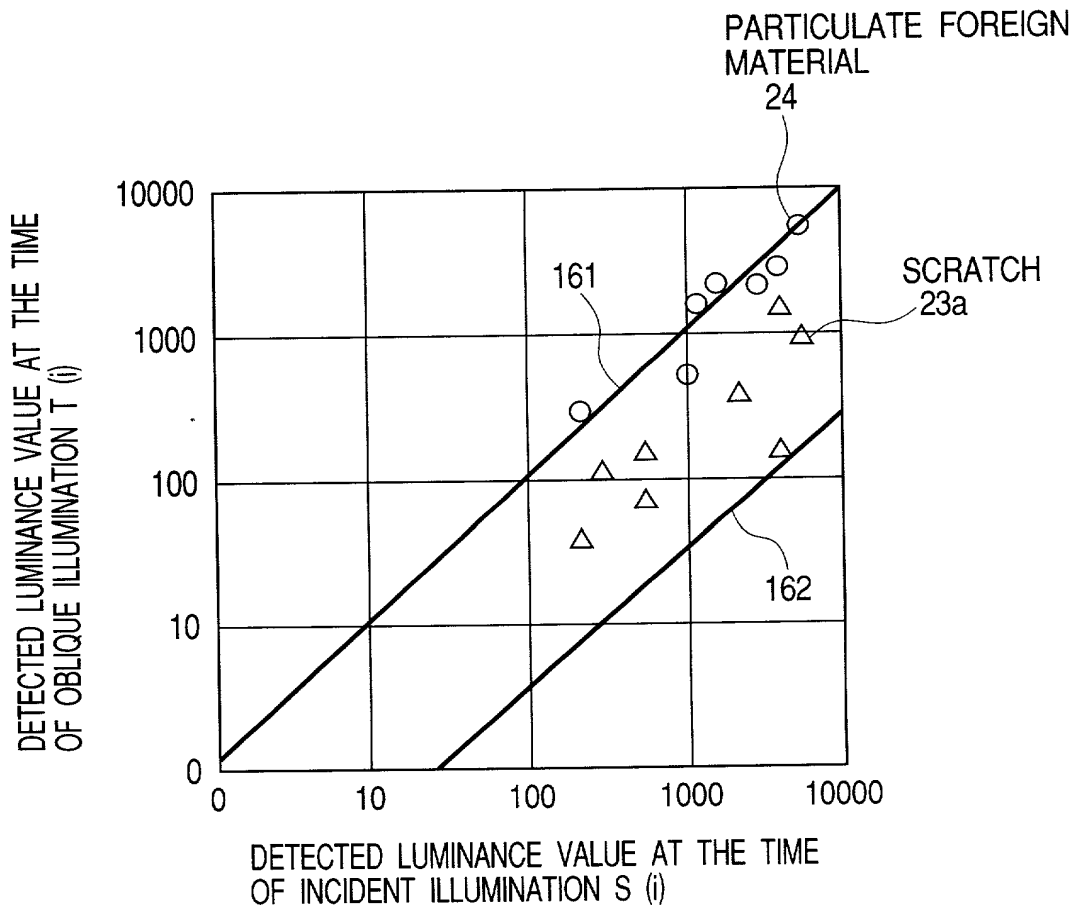
FIG. 16

FIG. 17(a)

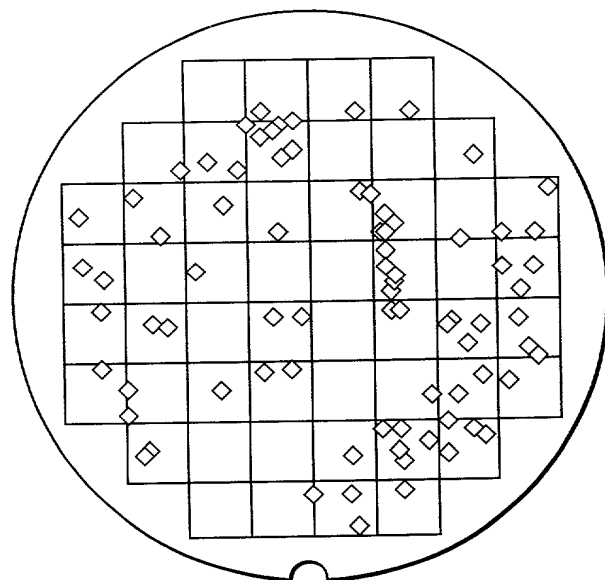


FIG. 17(b)

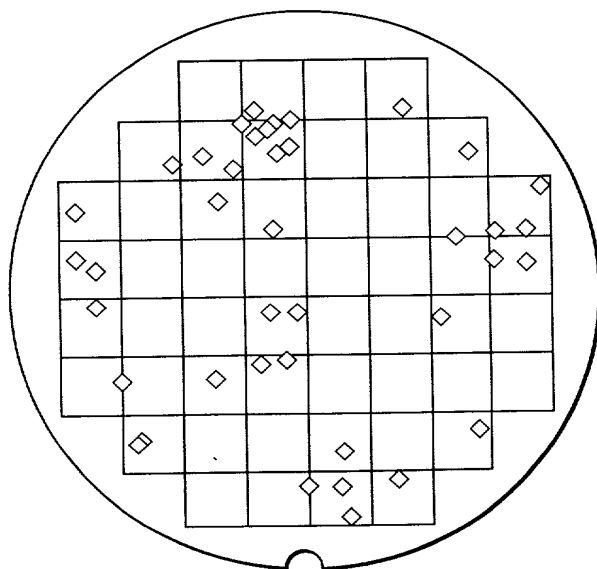


FIG. 17(c)

